Solve the given system using substitution and/or elimination. Classify the system as having one solution, no solutions, or infinite solutions. Check your answer both algebraically and graphically.

$$\begin{cases} \dfrac{5}{6}x + \dfrac{5}{3}y & = & -\dfrac{7}{3} \\ \\ -\dfrac{10}{3}x - \dfrac{20}{3}y & = & 10 \end{cases}$$

Exercise   1 *Classify this system as having one solution, no solutions, or infinite solutions.*

Multiple Choice:

(a) *one solution*

(b) *no solutions* ✓

(c) *infinite solutions*